

INFORMATION DISCLOSURE CITATION

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FEB 25 2002

Docket Number (Optional)

DE-1253

Application Number

09/845,416

Applicant(s)

Xiao XIAO

Filing Date

April 30, 2001

Group Art Unit

4646-1635

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DV	AA	4,868,116	09-19-1989	Morgan, et.al.			RECEIVE MAR 04 2002
	AB	5,173,414	12-22-1992	Lebkowski, et.al.			TECH CENTER 1600/2900
	AC	5,399,346	03-21-1995	Anderson, et.al.			
	AD	5,449,614	09-12-1995	Danos, et.al.			
	AE	5,661,033	08-26-1997	Ho, et.al.			
	AF	5,985,846	11-16-1999	Kochanek, et.al.			
	AG	6,083,750	07-04-2000	Chamberlain, et.al.			
BW	AH	6,207,455	03-27-2001	Chang, et.al.			

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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
BW	BA	WO 89/06286	07-13-1989	PCT WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BR	CA	ROBERTS, et.al., Determination of the Exon Structure of the Distal Portion of the Dystrophin Gene by Vectorette PCR. Genomics. 1992, Vol. 13, pages 942-950, especially 947 and 949.
BR	CB	ROSENTHAL, et.al., Two Human cDNA Molecules Coding for the Duchenne Muscular Dystrophy (DMD) Locus are Highly Homologous. Nucleic Acid Research. 1989, Vol. 17, No. 13, page 5391.

EXAMINER

Don M. Henne

DATE CONSIDERED

04/01/02

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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		DOCKET NUMBER (Optional) DE-1253	APPLICATION NUMBER 09/845,416
		APPLICANT(S) Xiao XIAO	
		FILED DATE April 30, 2001	GROUP ART UNIT 1635 1640
*EXAMINER INITIAL <i>PW</i>	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		
CC	KOENIG, et.al. The Complete Sequence of Dystrophin Predicts a Rod-Shaped Cytoskeletal Protein. Cell. April 1998, Vol. 53, pages 219-228, especially pages 220-221 and 223.		
CD	ANDERSON, W.F. Human Gene Therapy. April 1998, Vol. 392, pages 25-30.		
CE	WANG, et.al. Adeno-Associated Virus Vector Carrying Human Minidystrophin Genes Effectively Ameliorates Muscular Dystrophy in mdx Mouse Model. December 2000, Vol. 97, No. 25, pages 13714-13719.		
CF	KUNKEL, et.al. Analysis of Deletions in DNA From Patients with Becker and Duchenne Muscular Dystrophy. Nature July 1986, Vol. 322, No. 3, pages 73-77.		
CG	WATKINS, et.al. Immunoelectron Microscopic Localization of Dystrophin in Myofibres. Nature June 1988, Vol. 333, No. 30, pages 863-866.		
CH	KOENIG, et.al. Detailed Analysis of the Repeat Domain of Dystrophin Reveals Four Potential Hinge Segments That May Confer Flexibility. J. of Biological Chemistry. March 1990, Vol. 265, No. 8, pages 4560-4566.		
CI	MONACO, et.al. An Explanation for the Phenotypic Differences Between Patients Bearing Partial Deletions of the DMD Locus. Genomics2, 1988, pages 90-95.		
CJ	HOFFMAN, et.al. Characterization of Dystrophin in Muscle-Biopsy Specimens From Patients with Duchenne's or Becker's Muscular Dystrophy. New England J. Medicine. May 26, 1988, Vol. 318, No. 21, pages 1363-1368.		
CK	BULFIELD, et.al. X Chromosome-Linked Muscular Dystrophy (mdx) in the Mouse. Proc. Natl. Acad. Sci. USA. February 1984, Vol. 81, pages 1189-1192.		
CL	GUSSONI, et.al. The Fate of Individual Myoblasts After Transplantation Into Muscles of DMD Patients. Nature Medicine. September 1997, Vol. 3, No. 9, pages 970-977.		
CM	BARTON-DAVIS, et.al. Aminoglycoside Antibiotics Restore Dystrophin Function to Skeletal Muscles of mdx Mice. J. Clinical Investigation. August 1999, Vol. 104, No. 4, pages 375-381.		
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EXAMINER <i>Peter D. Stevens</i>	DATE CONSIDERED <i>9/10/02</i>		

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INFORMATION DISCLOSURE CITATION

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M P E JC165
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Docket Number (Optional)

DE-1253

Application Number

09/845,416

Applicant(s)

Xiao XIAO

Filing Date

April 30, 2001

Group Art Unit

1675 1646-

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DV	CO	HAJ-AHMAD, et.al. Development of a Helper-Independent Human Adenovirus Vector and its Use in the Transfer of the Herpes Simplex Virus Thymidine Kinase Gene. J. of Virology. January 1986, Vol. 57, No. 1, pages 267-273.
	CP	RAGOT, et.al. Efficient Adenovirus-Mediated Transfer of a Human Minidystrophin Gene to Skeletal Muscle of mdx Mice. Nature. February 18, 1993, Vol. 361, pages 647-650.
	CQ	HOWELL, et.al. High-Level Dystrophin Expression after Adeno-Virus Mediated Dystrophin Minigene Transfer to Skeletal Muscle of Dystrophic Dogs: Prolongation of Expression With Immunosuppression. Human Gene Therapy. March 1998, Vol. 9, pages 629-634.
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	CU	FLOTTE, et.al. Gene Expression from Adeno-Associated Virus Vectors in Airway Epithelial Cells. Am J. Respiratory Cell and Molecular Biology. 1992, Vol. 7, pages 349-356.
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DE-1253

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April 30, 2001

Group Art Unit

635 1646

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	DB	SONG, et.al. Sustained Secretion of Human Alpha-1-Antitrypsin From Murine Muscle Transduced With Adeno-Associated Virus Vectors. Proc. Natl. Acad. Sci. USA. November 1998, Vol. 95, pages 14384-14388.
	DC	KAY, et.al. Evidence for Gene Transfer and Expression of Factor IX in Haemophilia B Patients Treated with an AAV Vector. Nature Genetics. March 2000, Vol. 24, pages 257-261.
	DD	CHEN, et.al. Low-Dose Vaccinia Virus-Mediated Cytokine Gene Therapy of Glioma. J. of Immunotherapy. 2001, pages 46-57.
	DE	BLEDSOE, et.al. Cytokine Production in Motor Neurons by Poliovirus Replicon Vector Gene Therapy. Nature Biotechnology. September 18, 2000, Vol. 18, pages 964-969.
	DF	WAHLFORS, et.al. Evaluation of Recombinant Alphaviruses as Vectors in Gene Therapy. Gene Therapy. 2000, Vol. 7, pages 472-480.
	DG	ROMANO, et.al. Latest Developments in Gene Transfer Technology: Achievements, Perspectives, and Controversies over Therapeutic Applications. Stem Cells. 2000, Vol. 18, pages 19-39.
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	DK	ACSADI, et.al. Human Dystrophin Expression in mdx Mice After Intramuscular Injection of DNA Constructs. Nature. August 29, 1991. Vol. 352, pages 815-818.
BW	DL	RANDO, et.al. Rescue of Dystrophin Expression in mdx Mouse Muscle by RNA/DNA Oligonucleotides. Proc. Natl. Acad. Sci. U.S.A. May 9, 2000, Vol. 97, No. 10, pages 5363-5368.

EXAMINER

Brian A. Blumen

DATE CONSIDERED

8/10/02

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PL DQ WU, et.al. Mutational Analysis of the Adeno-Associated Virus Type 2 (AAV2) Capsid Gene and Construction of AAV2 Vectors with Altered Tropism. J. of Virology. September 2000, Vol. 74, No. 18, pages 8635-8647.

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EXAMINER

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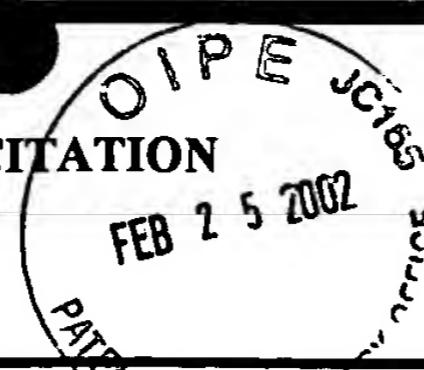
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Applicant(s)

Xiao XIAO

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Group Art Unit

1646

*EXAMINER
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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BZ	EI	KOENIG, et.al. Complete Cloning of the Duchenne Muscular Dystrophy (DMD) cDNA and Preliminary Genomic Organization of the DMD Gene in Normal and Affected Individuals. Cell. July 31, 1997, Vol. 50, pages 509-517.

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<p style="text-align: center;">#10 O I P E INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i> AUG 26 2002 P A T E N T & T R A D E M A R K O F F I C E</p>				Docket Number (Optional) DE-125	Application Number 09/845,416		
				Applicant(s) Xiao Xiao			
				Filing Date April 30, 2001	Group Art Unit 1635		
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
DV	AA	'Modular flexibility of dystrophin: Implications for gene therapy of Duchenne muscular dystrophy'; Scott Q. Harper, et al.; Nature Medicine, volume 8, number 3, March 2002; pgs. 253-261					
EXAMINER <i>Brian J. Hartman</i>				DATE CONSIDERED 9/7/02			
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